

P.O. Box 6358 Santa Rosa, CA 95406 707.544.2706 - P 707.526.2825 - F

RECORD PURPOSE SUBMITTAL TRANSMITTAL

To Sal Ferrera

Advanced Burner Technologies

P.O. Box 410

Pluckenmin, NJ 07978

Date December 12, 2003

AMC Work Order 50633

Purchase Order A03-008-413

Project Inte

Intermountain - IBAMS

cc Mike Stapf, Sr. (mstapf@ix.netcom.com)

Project Manager

Andrew Chew

Sent Via

sal@advancedburner.com

Enclosed find:

1 Record Purpose Submittals, Rev. 0

This order was placed without a requirement for Submittal approval, and has been released for production.

Changes to the order prompted by review of the Record Purpose Submittals must be immediately communicated to Air Monitor's Application Engineering Department (refer to the Project Manager above) in Santa Rosa, California – 707.544.2706.

Possible charges related to order rework and revision of the previously scheduled ship date may be incurred.



WORK ORDER 50633 PURCHASE ORDER A03-008-413

RECORD PURPOSE SUBMITTAL

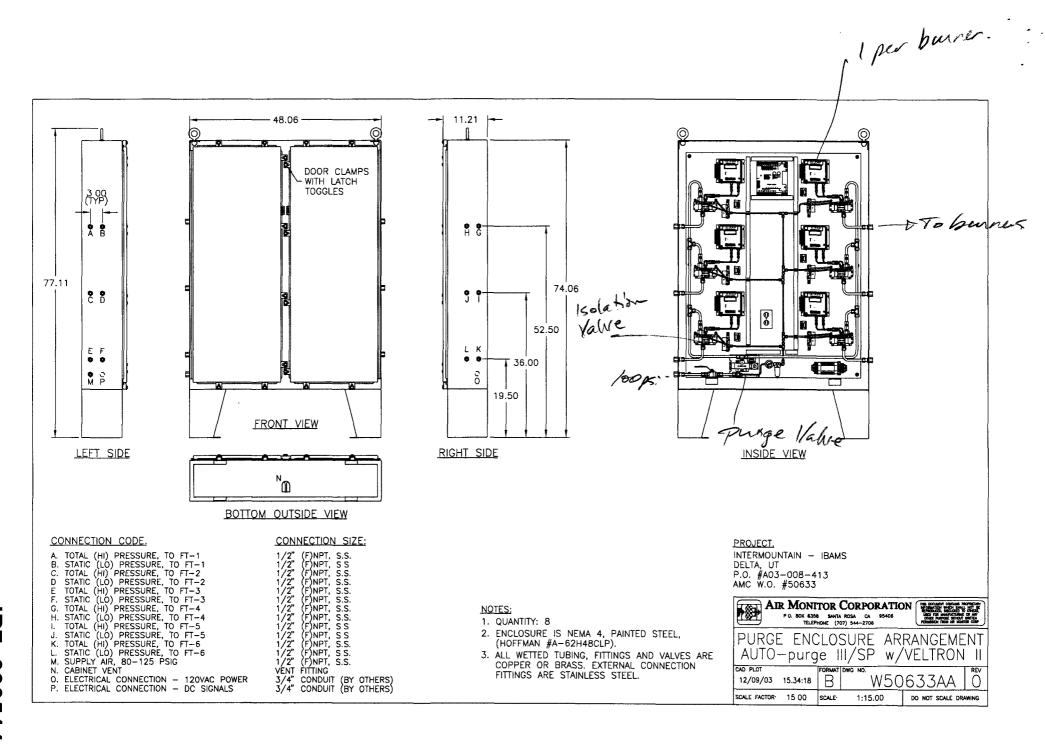
PROJECT	Intermountain - IBAMS
LOCATION	Delta, UT
EQUIPMENT	IBAM, VELTRON II in AUTO-purge/SP,
	Burner Performance Testing and CFD Modeling
REPRESENTATIVE	Stapf Energy Services
CONTACT	Mike Stapf, Sr.
DUONE	610-783-7166

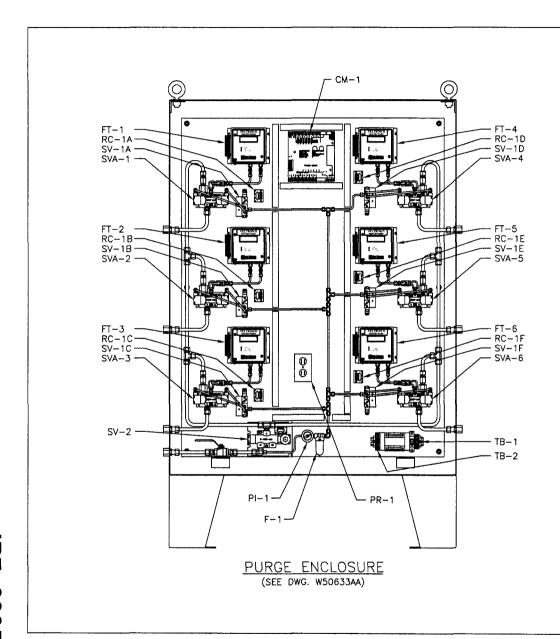
Date	Rev	Project Manager
12/12/03	0	Andrew Chew

1050 Hopper Avenue

Santa Rosa, CA 95403 707.544.2706 - P

707.526.2825 - F





May to me p.

PARTS IDENTIFICATION

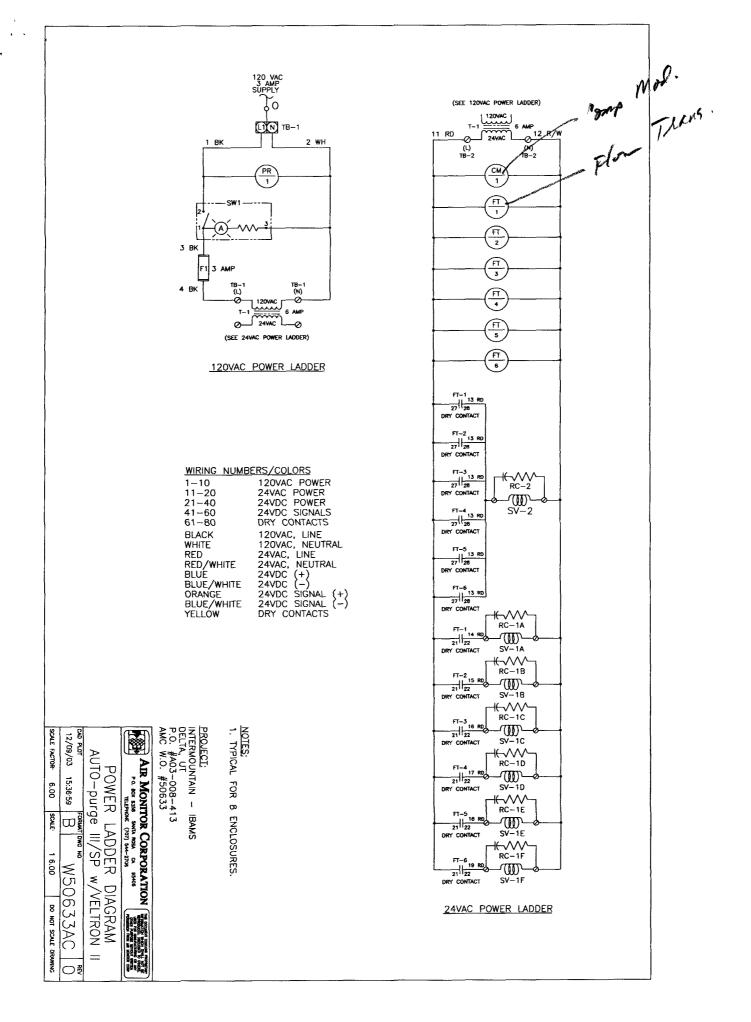
PLC CONTROL MODULE SHUTTLE AIR FILTER FLOW/DP TRANSMITTER FT-1 FLOW/DP TRANSMITTER FLOW/DP TRANSMITTER FLOW/DP TRANSMITTER FLOW/DP TRANSMITTER FT-2 FT-3 FT-4 FT-5 FT-6 FLOW/DP TRANSMITTER MAIN SUPPLY AIR PRESSURE GAUGE PI--1 RC-1A SOLENOID RC FILTER CIRCUIT RC-1B SOLENOID RC FILTER CIRCUIT SOLENOID RC FILTER CIRCUIT RC-1C SOLENOID RC FILTER CIRCUIT RC-1D RC-1E SOLENOID RC FILTER CIRCUIT SOLENOID RC FILTER CIRCUIT RC-1F PILOT AIR SOLENOID VALVE SV-1A PILOT AIR SOLENOID VALVE SV-1B SV-1C PILOT AIR SOLENOID VALVE SV-1D PILOT AIR SOLENOID VALVE SV-1E PILOT AIR SOLENOID VALVE SV-1F PILOT AIR SOLENOID VALVE MAIN SUPPLY AIR SOLENOID VALVE
SHUTTLE VALVE ASSEMBLY
SHUTTLE VALVE ASSEMBLY
SHUTTLE VALVE ASSEMBLY SV-2 SVA-1 SVA-2 SVA-3 SVA-4 SHUTTLE VALVE ASSEMBLY SVA-5 SHUTTLE VALVE ASSEMBLY SVA-6 SHUTTLE VALVE ASSEMBLY 120VAC/24VAC TRANSFORMER 120VAC TERMINAL BLOCK T-1 TB-1 TB-2 24VAC TERMINAL BLOCK PR-1 POWER RECEPTACLE

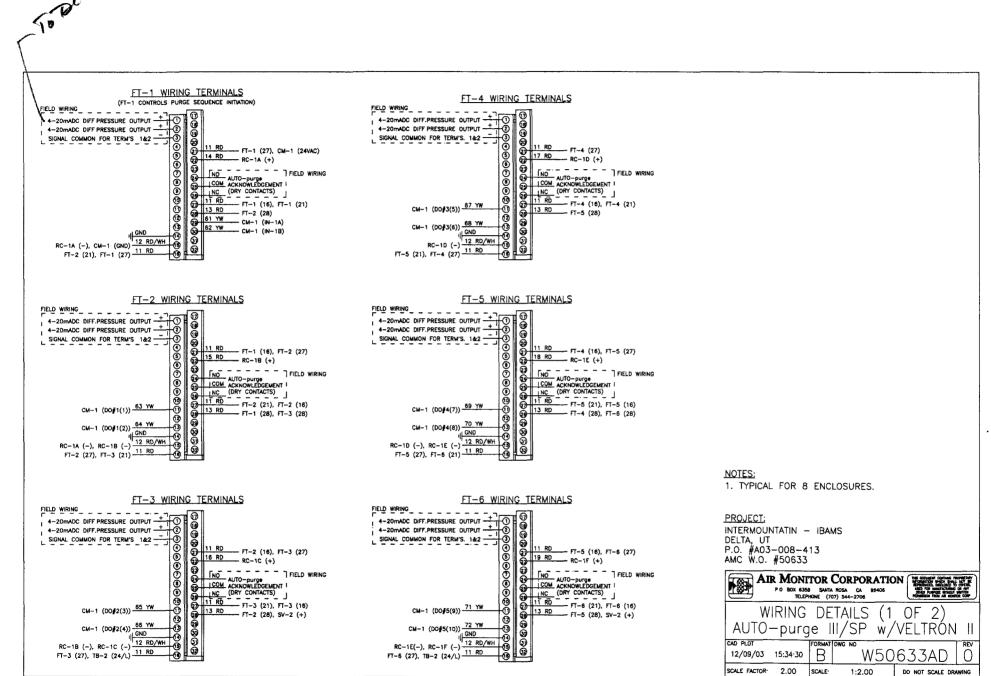
NOTES:

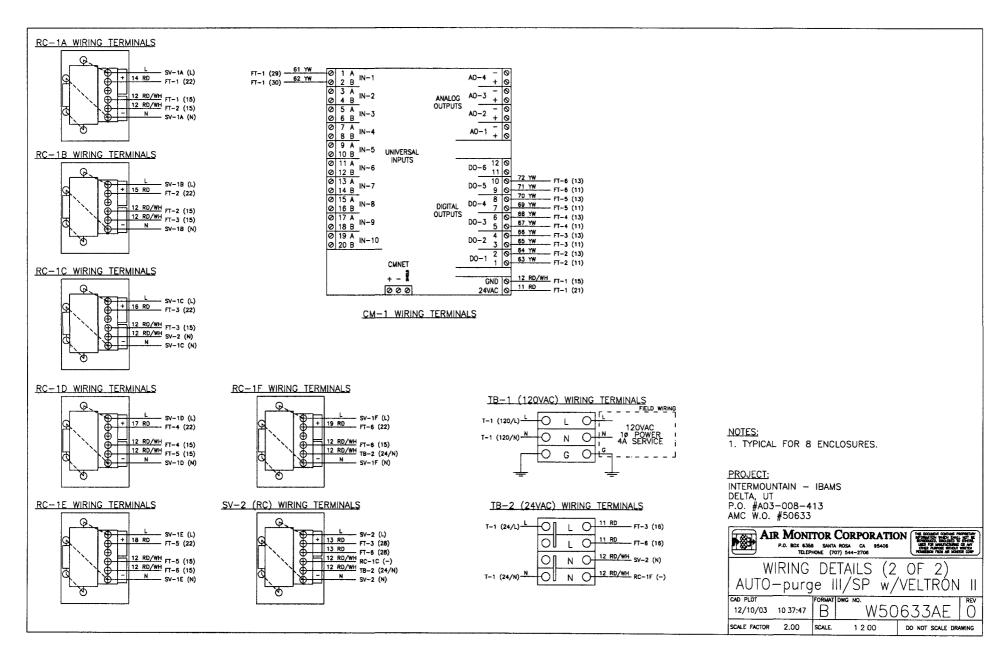
1. TYPICAL FOR 8 ENCLOSURES.

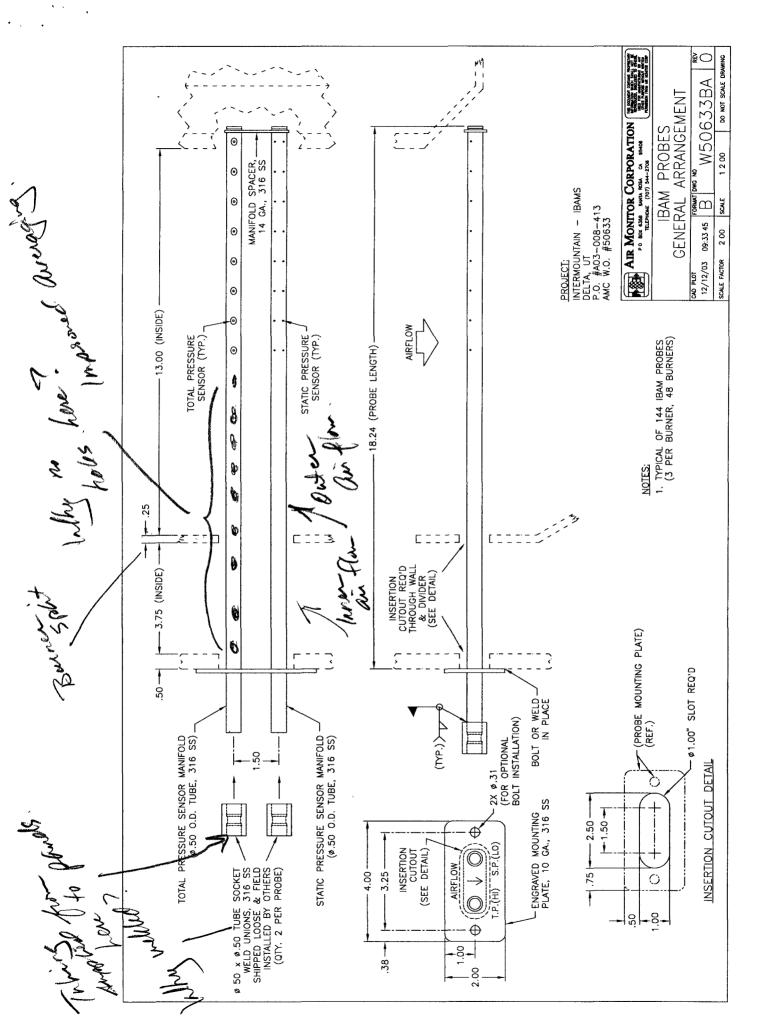
PROJECT: INTERMOUNTAIN - IBAMS DELTA, UT P.O. #A03-008-413 AMC W.O. #50633









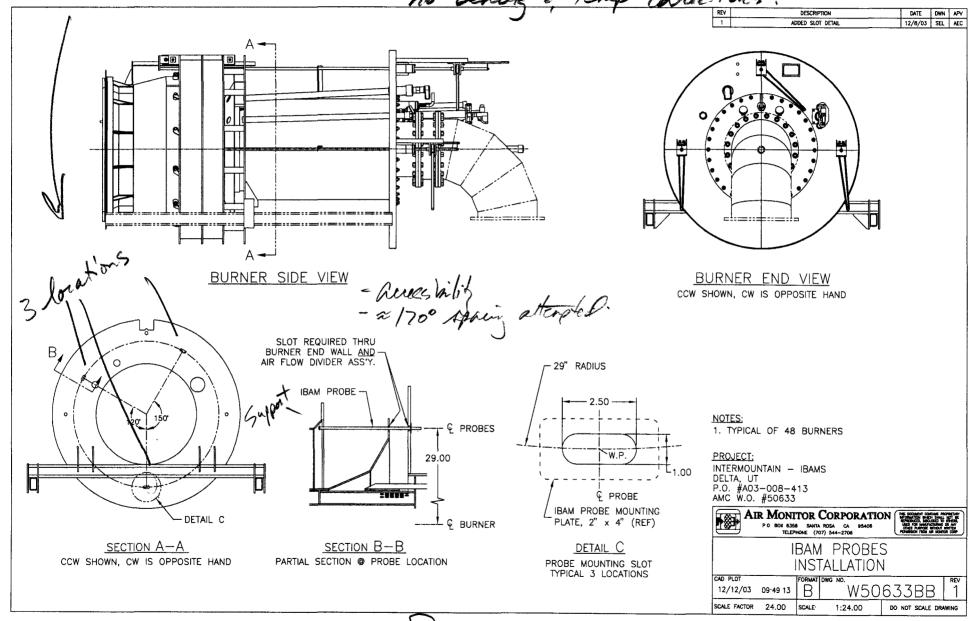


air flow testing to verify there tour tours.

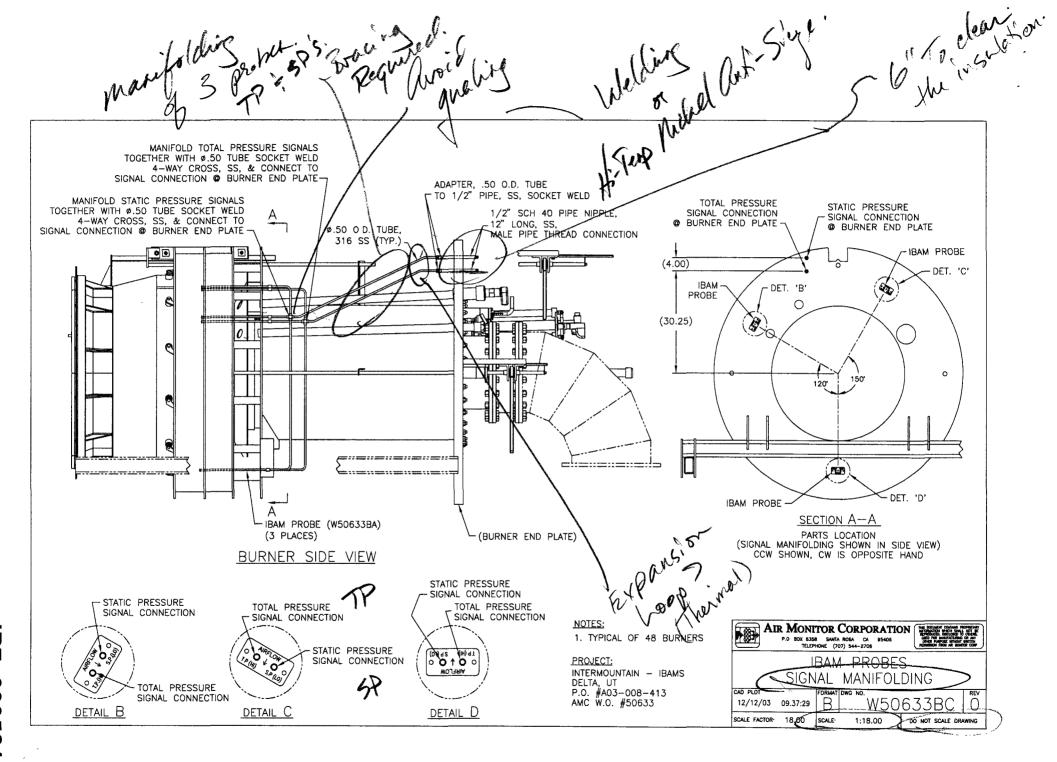
Cuarantee 3% flow of his Mondon and input air flow device.

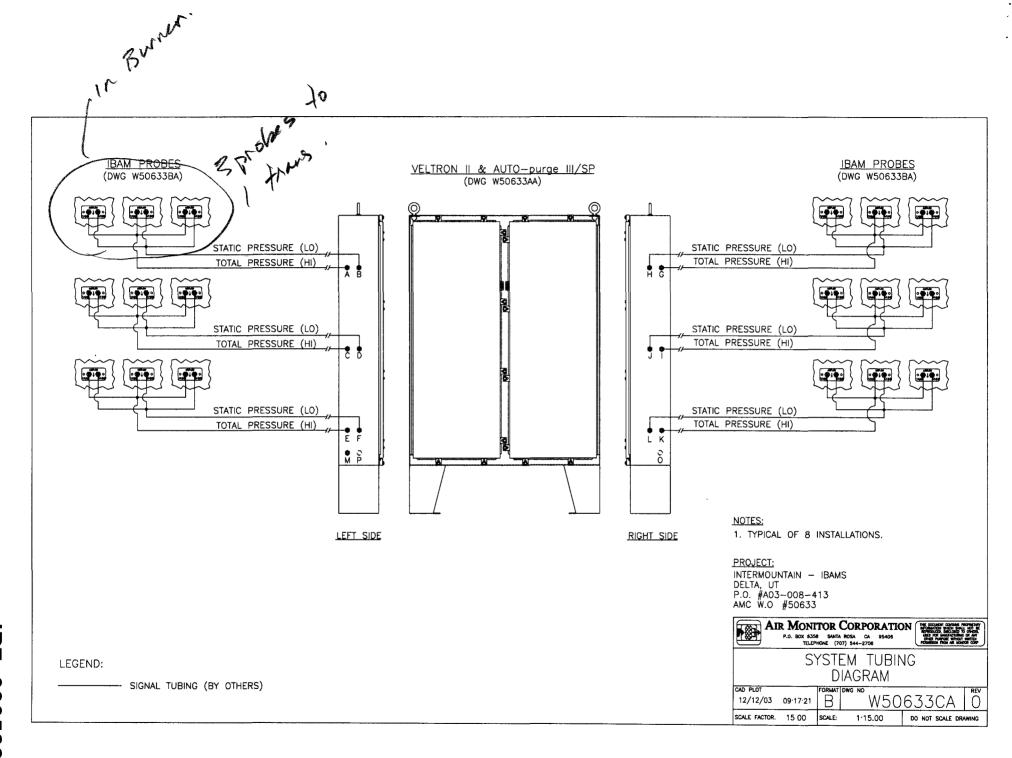
No Denik 2 temp careex ones.

REV DESCRIPTION DATE DOWN



Perforated plate testino!





ABT INTERMOUNTAIN IBAM TESTING

Air Monitor Work Order Number: 50633

Maximum secondary airflow per burner is 161,000 LB/HR (88,297 acfm, 35,716 scfm)

Average operating air temperature: 645° F

Normal operating static pressure of the burner is 3 in. w.c.

The <u>outer volume damper</u> will be tested at 4.8", 10.4" and 16" open.

The <u>inner volume damper</u> positions will be tested at 1" and 5" open.

The <u>outer volume damper</u> will be tested at 4.8", 10.4" and 16" open.

The <u>inner volume damper</u> positions will be tested at 1" and 5" open.

The swirl vane positions will be tested at 30°, 45° and 60°.

Testing at three fan settings (flow rates) 5, 7 & 10VDC will be performed. Fan capacity @10VDC = 36000 acfm. 1/5 1/61, 000

WIND TUNNEL TEST MATRIX

Test Outer Damper Inner Damper Swirl Var # Position Position Position 1 4.8" 1" 30° 2 4.8" 1" 30° 3 4.8" 1" 30° 4 10.4" 1" 30° 5 10.4" 1" 30° 6 10.4" 1" 30° 7 16" 1" 30° 8 16" 1" 30° 9 16" 1" 30° 10 16" 5" 30° 11 16" 5" 30°	5 VDC 7 VDC 10 VDC 7 VDC 10 VDC 5 VDC 7 VDC 7 VDC 5 VDC 7 VDC 10 VDC
2 4.8" 1" 30° 3 4.8" 1" 30° 4 10.4" 1" 30° 5 10.4" 1" 30° 6 10.4" 1" 30° 7 16" 1" 30° 8 16" 1" 30° 9 16" 1" 30° 10 16" 5" 30° 11 16" 5" 30°	7 VDC 10 VDC 10 VDC 7 VDC 5 VDC 5 VDC 7 VDC
3 4.8" 1" 30° 4 10.4" 1" 30° 5 10.4" 1" 30° 6 10.4" 1" 30° 7 16" 1" 30° 8 16" 1" 30° 9 16" 1" 30° 10 16" 5" 30° 11 16" 5" 30°	10 VDC 10 VDC 7 VDC 5 VDC 5 VDC 7 VDC
4 10 4" 1" 30° 5 10.4" 1" 30° 6 10.4" 1" 30° 7 16" 1" 30° 8 16" 1" 30° 9 16" 1" 30° 10 16" 5" 30° 11 16" 5" 30°	10 VDC 7 VDC 5 VDC 5 VDC 7 VDC
5 10.4" 1" 30° 6 10.4" 1" 30° 7 16" 1" 30° 8 16" 1" 30° 9 16" 1" 30° 10 16" 5" 30° 11 16" 5" 30°	7 VDC 5 VDC 5 VDC 7 VDC
6 10.4" 1" 30° 7 16" 1" 30° 8 16" 1" 30° 9 16" 1" 30° 10 16" 5" 30°	5 VDC 5 VDC 7 VDC
7 16" 1" 30° 8 16" 1" 30° 9 16" 1" 30° 10 16" 5" 30° 11 16" 5" 30°	5 VDC 7 VDC
8 16" 1" 30° 9 16" 1" 30° 10 16" 5" 30° 11 16" 5" 30°	7 VDC
9 16" 1" 30° 10 16" 5" 30° 11 16" 5" 30°	
10 16" 5" 30° 11 16" 5" 30°	1 10 VDC 1
11 16" 5" 30°	
	10 VDC
	7 VDC
12 16" 5" 30°	5 VDC
13 10 4" 5" 30°	5 VDC
14 10 4" 5" 30°	7 VDC
15 10.4" 5" 30°	10 VDC
16 48" 5" 30°	10 VDC
17 4.8" 5" 30°	7 VDC
18 4.8" 5" 30°	5 VDC
19 4.8" 5" 45°	5 VDC
20 4.8" 5" 45°	7 VDC
21 4.8" 5" 45°	10 VDC
22 10.4" 5" 45°	10 VDC
23 10.4" 5" 45°	7 VDC
24 10.4" 5" 45°	5 VDC
25 16" 5" 45° 26 16" 5" 45°	5 VDC
	7 VDC
27 16" 5" 45° 28 16" 1" 45°	10 VDC
28 16" 1" 45° 29 16" 1" 45°	7 VDC
30 16" 1" 45°	5 VDC
31 10.4" 1" 45°	5 VDC
32 10.4" 1" 45°	7 VDC
33 10.4" 1" 45°	10 VDC
34 4.8" 1" 45°	10 VDC
35 4.8" 1" 45°	7 VDC
36 4.8" 1" 45°	5 VDC
37 4.8" 1" 60°	5 VDC
38 4.8" 1" 60°	7 VDC
39 4.8" 1" 60°	10 VDC
40 10.4" 1" 60°	10 VDC
41 10.4" 1" 60°	7 VDC
42 10.4" 1" 60°	5 VDC
43 16" 1" 60°	5 VDC
44 16" 1" 60°	7 VDC
45 16" 1" 60°	10 VDC
46 16" 5" 60°	10 VDC
47 16" 5" 60°	7 VDC
48 16" 5" 60°	5 VDC
49 10.4" 5" 60°	5 VDC
50 10.4" 5" 60°	7 VDC
51 10.4" 5" 60°	10 VDC
52 4.8" 5" 60°	10 VDC
53 4.8" 5" 60°	7 VDC
54 4.8" 5" 60°	5 VDC

ABT INTERMOUNTAIN IBAM TESTING

Air Monitor Work Order Number: 50633

The outer volume damper will be tested at 4.8" and 16" open.

The inner volume damper positions will be tested at 1" & 5" open.

The swirl vane position backpressure will be simulated for a single 45° position.

Testing at three flow rates: 160,000 lb/hr, 110,000 lb/hr & 70,000 lb/hr.

Pressure Barometer
In. W.C. In. Hg

3° 29 002"

CFD MODELING TEST MATRIX

Test #	Outer Damper Position	Inner Damper Position	Flow Rate	Temp. °F	Pressure In. W.C.	Barometer In. Hg
1	4.8"	1"	110,000 lbs/hr	85° /	3"	29.921"
2	16"	1"	110,000 lbs/hr	85° (3"	29.921"
3	16"	1"	70,000 lbs/hr	645°	3"	25.105"
4	4.8"	1"	70,000 lbs/hr	645°	3"	25.105"
5	4.8"	1"	161,000 lbs/hr	645°	3"	25.105"
6	16"	1"	161,000 lbs/hr	645°	3"	25 105"
7	16"	5"	161,000 lbs/hr	645°	3"	25.105"
8	4 8"	5"	161,000 lbs/hr	645°	3"	25.105"
9	4.8"	5 "	70,000 lbs/hr	645°	3"	25.105"
10	16"	5"	70,000 lbs/hr	645°	3"	25.105"
11	16"	5*	110,000 lbs/hr	85°	3"	29.921"
12	4.8"	5"	110,000 lbs/hr	85°	3"	29 921"

Tuke sizes in mindbak
and for history burners.

Consistent are specific?

1/2" vs. 1.0"

AUTO-purge IIIINSTALLATION GUIDE

Air Requirement.

80 to 125 psig at 100 CFM, oil and dirt free. 1 to 24 purge cycles per day, with a field selectable duration between 30 and 120 seconds during which compressed air is released.

Line Size from AUTO-purge Panel to Flow Measuring Station or Probes.

Distance from AUTO-purge panel to flow measuring station air probe.

< 25' 25' - 50' > 50' Tube Size.

1/2" S.S. tube 3/4" S.S. tube

1.0" S.S. tube

Accumulator Tank (strongly recommended).

Requires coalescing filter, pressure regulator, and check valve at the tank inlet.

120 gallons

All CA stations.

120 gallons 80 gallons Multiple VOLU-probes having a combined length greater than 10'.

One or more VOLU-probes having a combined length less than 10'.

Line from Accumulator Tank to AUTO-purge Panel.

25' maximum length, 1/2" pipe (minimum). Recommend locating accumulator tank as close as possible to AUTO-purge panel.

Electrical Power Requirement.

None when used with an Air Monitor transmitter. (NOTE: This adds 36VA to the transmitter's power requirement.) 24VAC, 36VA when not initiated by an Air Monitor transmitter. 120VAC, 10 amp when an optional enclosure heater is installed.

Ambient Temperature.

40°F-140°F. For ranges above or below this ambient temperature, use of panel heater and/or cooler is required.

Purge Frequency.

Once/day minimum, once/hour maximum.

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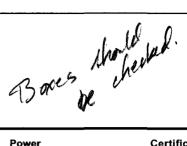
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SUB-M009, Rev 5 (8/01)

SUBMITTAL SHEET

VELTRON II

ULTRA-LOW RANGE DIFFERENTIAL PRESSURE/ FLOW TRANSMITTER



OPTIONS Alarms or AUTO-purge Management Auxiliary Output Terminal Cover/Conduit Connection	Special Function We Deviation Summed Flow Averaged Flow Differential Flow Low Select High Select	Power 24VAC 20-40VDC 120VAC (via external transformer)	Certification Standard NIST Traceable Display 2x20 LCD (Std) 4x20 LCD
PERFORMANCE SPECIFICATIONS			
Accuracy. ±0 1% of Natural Span, including non-linearity, hysteresis, deadband, and non-repeatability. Stability. ±0 5% of Natural Span for one year. Temperature Effect. Zero. None; corrected by AUTO-zero. Span. 0.015% of Full Span/°F.	Transducer R 0.5 second Power Consu Standard: With AUTO	ected by AUTO-zero. esponse Time. Is to reach 98% of a step cha	/DC; 36VA at 120VAC.
 FUNCTIONAL SPECIFICATIONS Digital Outputs. Dual form C dry contacts rated for 3 Amps at 24VAC/VDC for optional Hi/Lo alarm Dual Form A dry contacts rated for amps at 24VAC/VDC for AUTO-purge activation are acknowledgment Digital Inputs. Dry contact for AUTO-purge external start command. Analog Outputs. Dual transmitter outputs are individually configurable vijumper for 0-5VDC, 0-10VDC, or 4-20mADC. Two addition outputs are optionally available. Analog Inputs. A single input is field configurable via jumper for 0-5VD0 0-10VDC, or 4-20mADC. For use with optional specifunction. AUTO-purge Management. AUTO-purge cycle is initiated via an external dry containput, or via an internal timer with field selectable frequencing of 1 to 24 hours, in 1 hour increments. An SPDT dry containput, or via an internal timer with field selectable frequencing of 1 to 24 hours, in 1 hour increments. An SPDT dry containput, or via an internal timer with field selectable frequencing of 1 to 24 hours, in 1 hour increments. An SPDT dry containput, or via an internal timer with field selectable frequencing of 1 to 24 hours, in 1 hour increments. An SPDT dry containput, or via an internal timer with field selectable frequencing of 1 to 24 hours, in 1 hour increments. An SPDT dry containput, or via an internal timer with field selectable frequencing of 1 to 24 hours, in 1 hour increments. An SPDT dry containput, or via an internal timer with field selectable frequencing of 1 to 24 hours, in 1 hour increments. An SPDT dry contains and the selectable frequencing of 1 to 24 hours, in 1 hour increments. An SPDT dry contains and the selectable frequencing of 1 to 24 hours, in 1 hour increments. Auto-p	Automatic Ze Accuracy. Frequency Overpressure 25 psig. ia al Circuit Protect Power input Span and Zer Digital, via al Displays. Standard 2 display. O lines of dat es ct LED's indict zero over-r "on" status Humidity Lim 0-95% RH Temperature -20°F to 1	time to reach 98% of a step 250.0 seconds. roing. Within 0.1% of calibrated Every 1 to 24 hours on 1 and Static Pressure Limit. ction. It is isolated, fused and rever o Adjustment. Internally located push-butto 2 line x 20 character LCD proptional 4 line x 20 character ta display. cate CPU activated, AUTO-zeranged, AUTO-purge in progress. its. , non-condensing.	span. hour intervals. see polarity protected. ns. ovides one line of data LCD provides up to 4 ero in progress, AUTO-

Air Monitor Corporation

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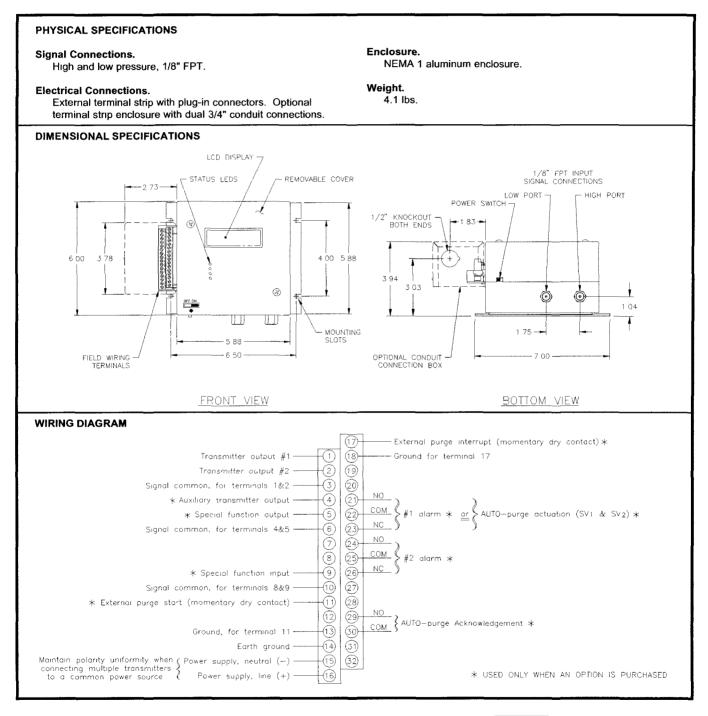
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SUB-B010, Rev 9 (10/02)

SUBMITTAL SHEET

VELTRON II

ULTRA-LOW RANGE DIFFERENTIAL PRESSURE/ FLOW TRANSMITTER



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SUB-B011, Rev 5 (10/02)



TRANSMITTER SPAN/MASS FLOW CALCULATIONS

PROJECT: ABT/INTERMOUNTAIN POWER BURNER

WORK ORDER: 50633 REV: 0
TAG(S): PRELIMINARY SPAN DATA CALCULATION ONLY

TAG(S): PRELIMINARY SPAN D.

Given Information:

Fluid:
Standard Temperature (T_{std}):
Standard Barometric Pressure (P_{std}):
Air Temperature (T):
Stack/Duct Pressure (P_g):
Actual Barometric Pressure (P_{bar}):
Air Density at Standard Conditions, DRY:

Duct Shape: Duct Diameter:

AIR	
68	(deg. F)
29.921	(in. Hg)
645	(deg. F)
3.00	(in. w.c.)
25.105	(in. Hg)
0.07513	(lbs/ft^3)
CIRC	
62,805	(in.)

% H₂O (by volume):

0.00 (%, by volume)

Maximum Flow:

161,000 (lb/hr) Wet (Wet/Dry)

Square Root Extraction? (Yes/No)

No

Output: 4-20 mADC

Calculations:

Duct Area (As): 21.514 (ft^2) (AFPM) Maximum Actual Velocity: 4,104 Absolute Duct Pressure (Ps): 25.326 (in. Hg) Dry Mole Fraction of Duct (Mfd): 1.000 Dry Molecular Wt. Of Air (Md): 28.965 (lb/lb-mole) Wet Molecular Wt. Of Air (Ms): (lb/lb-mole) 28.965 Air Density at Standard Conditions, WET: 0.07513 (lbs/ft³) Air Density at Actual Conditions, WET: 0.03039 (lbs/ft³)

% DP Diff. Press. Std.Flow/Dry Std.Flow/Wet MassFlow/Dry Actual Flow MassFlow/Wet Output (mADC) (SCFM) (SCFM) (Lbs/Hr) (Lbs/Hr) (%) (in. w.c.) (ACFM) 0 0.00004.00 0 0 0 0 0 11,294 11,294 50,913 50,913 10 0.0425 5.60 27,922 15,973 20 0.0850 7.20 39,487 15,973 72,001 72,001 48,362 19,562 19,562 88,183 30 0.1275 8.80 88,183 40 0.1700 0.40 55,844 22,589 22,589 101,825 101,825 50 2.00 62,435 25,255 25,255 113,844 113,844 0.2125 60 0.2550 3.60 68,394 27,665 27,665 124,710 124,710 70 0.2975 5.20 73,874 29,882 29,882 134,702 134,702 80 0.3400 16.80 78,975 31,945 31,945 144,003 144,003 18.40 33,883 152,738 152,738 90 0.382583,765 33,883 161,000 100 0.4250 20.00 88,297 35<u>,</u>716 35,716 161,000

 VELTRON II IBAM

Power (voltage/type): Power Configuration: 24VAC 4-Wire

Transmitter Maximum Range:

0.00 - 1.00 IN w.c.

Square Root:

OFF

1" Transm Her

Display Line #1:
Display Line #2:
Display Line #3:
Display Line #4:

0.00 - 1.00 IN w.c.

](DIFFERENTIAL PRESSURE) |(N/A)

(N/A)

(N/A)

Mass FlowMaster Version 1.4 Copyright 2003
Air Monitor Corporation

12/12/03 50633a_SPA_R0.xls

SUBMITTAL SHEET

CONTROL MODULE

FEATURES

- · Separate, quick change, plug-in terminal strip for input and output wiring.
- · On/Off power switch on the module.
- · Individual On/Off/Auto switches for relay outputs.
- Field configurable inputs for 0-5VDC, 4-20mADC, or dry contacts.

Scan Time

· Factory configured, programmed, and tested. Reprogrammable in the field or by remote phone access (requires Communications Module and modem).

PERFORMANCE SPECIFICATIONS

Input. Output. 0.1% Resolution.

0.4% Resolution.

Microprocessor.

0.25 second scan cycle time for all inputs and outputs

Motorola MC68HC11.

FUNCTIONAL SPECIFICATIONS

Outputs. Inputs.

Three analog 0-10VDC. Six SPDT relay outputs (Form A), 3 amps maximum @ 24VAC/VDC. Eight universal inputs (0-5VDC, 4-20mADC, or dry contact).

Communications. Memory.

RS485 port programmable for 9600 to 38.4 kbps. Non-volatile read/write.

Power Supply.

Indication.

24VAC, 50-60 Hz. 20VA maximum. Lithium battery provides 10,000 hours of data storage during

power outages. Surge protection on input power. Optical isolation on RS485 communication line. Arc suppression on

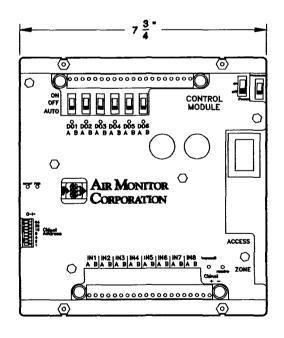
Circuit Protection.

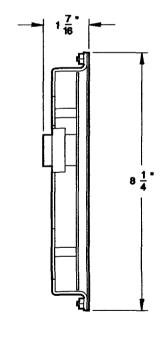
relay outputs.

Temperature Limit.

LED indicators for status of outputs, power, and communication. -20°F to 180°F storage. 40°F to 150°F operating.

DIMENSIONAL SPECIFICATIONS





AIR MONITOR CORPORATION

7.14.2

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WARRANTY

PROCESS / POWER

PRODUCTS COVERED

FAN-E/SS LO-flo/SS VOLU-probe/SS VOLU-probe/SM

SOAP

VOLU-probe/VS-SS VOLU-probe/FI-SS

STAT-probe/1SS

CA Stations

IBAMS

STACK-probe

WARRANTY

SAP

Air Monitor Corporation (hereinafter referred to as "Seller") warrants that at the time of shipment, products sold pursuant to this contract will be free from defects in materials and workmanship, and will conform to the specifications furnished or approved in writing by Seller. No warranty is given that delivered products will conform to catalog sheets, data sheets, and the like, which are subject to change without notice.

Seller will repair or replace, at its option, any products listed under this warranty which is returned freight pre-paid to Seller within the earlier of one (1) year after start-up or fifteen (15) months after shipment that, upon test and examination, proves defective within the terms of this warranty. The warranty period for any item repaired or replaced shall be for the time remaining on the warranty period of the original components. Purchaser shall notify Seller in writing of such defect within sixty (60) days of discovery of the defect.

This warranty does not extend to any product sold by Seller which has been the subject of misuse, neglect, accident, damage or malfunction caused by interconnection with equipment manufactured by others, improper installation or storage, or used in violation of instructions furnished by Seller, nor does it extend to any product which has been repaired or altered by persons not expressly approved by Seller. Nor does Seller warrant equipment against normal deterioration due to environment; nor items such as thermocouples, electrodes, and similar items subject to wear or burnout through usage. Adjustments for items or equipment not manufactured by Seller shall be made to the extent of any warranty of the manufacturer or supplier thereof.

Seller shall not be liable for any special or consequential damages or for loss of damage, directly or indirectly arising from the use of the products. Seller's warranty shall be limited to replacement of defective equipment and shall not include field removal and installation expenses.

The warranty set forth above is in lieu of all other warranties either express or implied and constitutes the full extent of Air Monitor Corporation's liability to the customer, or any other party for breach of warranty. THERE ARE NO EXPRESS WARRANTIES EXCEPT AS SET FORTH HEREIN. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, WHICH ARE PARTICULARLY DISCLAIMED.

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2.18.1

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WARRANTY

PROCESS / POWER

PRODUCTS COVERED

VELTRON II VEL-trol II MASS-tron II VELTRON DPT-plus

MASS-tron II/CEM

CAMM

WARRANTY

Air Monitor Corporation (hereinafter referred to as "Seller") warrants that at the time of shipment, products sold pursuant to this contract will be free from defects in materials and workmanship, and will conform to the specifications furnished or approved in writing by Seller. No warranty is given that delivered products will conform to catalog sheets, data sheets, and the like, which are subject to change without notice.

Seller will repair or replace, at its option, any products listed under this warranty which is returned freight pre-paid to Seller within the earlier of three (3) years after start-up or thirty-nine (39) months after shipment that, upon test and examination, proves defective within the terms of this warranty. The warranty period for any item repaired or replaced shall be for the time remaining on the warranty period of the original components. Purchaser shall notify Seller in writing of such defect within sixty (60) days of discovery of the defect.

This warranty does not extend to any product sold by Seller which has been the subject of misuse, neglect, accident, damage or malfunction caused by interconnection with equipment manufactured by others, improper installation or storage, or used in violation of instructions furnished by Seller, nor does it extend to any product which has been repaired or altered by persons not expressly approved by Seller. Nor does Seller warrant equipment against normal deterioration due to environment; nor items such as thermocouples, electrodes, and similar items subject to wear or burnout through usage. Adjustments for items or equipment not manufactured by Seller shall be made to the extent of any warranty of the manufacturer or supplier thereof.

Seller shall not be liable for any special or consequential damages or for loss of damage, directly or indirectly arising from the use of the products. Seller's warranty shall be limited to replacement of defective equipment and shall not include field removal and installation expenses.

The warranty set forth above is in lieu of all other warranties either express or implied and constitutes the full extent of Air Monitor Corporation's liability to the customer, or any other party for breach of warranty. THERE ARE NO EXPRESS WARRANTIES EXCEPT AS SET FORTH HEREIN. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, WHICH ARE PARTICULARLY DISCLAIMED.

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